

Ship June 3rd

Work Order ID 59086

May 26, 2010 9:46:12 AM

Page 1

Item ID: D350-591-215

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Access-Step, Short LH

Start Date: 5/26/10 Start Qty: 2.00

Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00

Customer:

Reference:

Approvals:

Process Plan: *U*

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3168

Rev A

DSI 9472

A

100

0.00



DC

Document Control

DOCUMENT CONTROL

Memo

0.00

Photocopy bluefile and type labels as per PPP D350-591-215 CHG003

S. 060602

HJ for CL 10/06/02

*I put red labels on steps
8/06/02*

110

0.00



Large Fab

Large Fab

Large Fab

Memo

0.00

1-Cut D2622-120C extrusion to 57.090" long as per Dwg D3168
2-Drill extrusion as per Dwg D3168 using Jig DT8680 for rivets. (Use only 1st 6holes)
3-Deburr

10.05.27

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Start Date: 5/26/10 Start Qty: 2.00



Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00							
				810/05/27		(+2)			
130 Large Fab Large Fab	Large Fab Memo 1-Bevel end for welding FWD ONLY 2-Weld Support using Jig D3168, weld Fwd End Plate as per QSI 004 & Dwg D3168 A/R Aluminum Rod, 1112860 E 3-Grind End Plate flush	0.00 0.00							
				10.05.27		2			
140 QC Quality Control	QC9- Inspect visual per QSI004- Fusion Welds Memo	0.00 0.00							
						(2)			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Start Date: 5/26/10 Start Qty: 2.00



Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150 QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00		8/10/05/27		72 LH			
160 HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 0.00		10-05-27		2	φ		
170 QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00		SAD 10-05-27		2			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

[illegible]

Page 4

Accept

**Setup Start**

Stop

1. The first step is to identify the problem. In this case, the problem is that the system is not working properly.

2. The second step is to gather information. This includes checking the logs, looking at the error messages, and talking to the users.

3. The third step is to analyze the information. This involves looking for patterns, identifying the root cause, and determining the scope of the problem.

4. The fourth step is to develop a solution. This could involve writing a patch, changing the configuration, or upgrading the hardware.

5. The fifth step is to test the solution. This involves running the system in a test environment to make sure the problem is fixed.

6. The sixth step is to deploy the solution. This involves putting the solution into production and monitoring it to make sure it works.

7. The seventh step is to document the solution. This involves writing a report that describes the problem, the solution, and the steps that were taken.

8. The eighth step is to communicate the solution. This involves telling the users that the problem has been fixed and providing them with instructions on how to use the system.

9. The ninth step is to evaluate the solution. This involves looking at the system to see if the problem has been fixed and if the solution is working.

10. The tenth step is to close the ticket. This involves marking the ticket as closed and removing it from the system.

Cust Item ID:

Customer:

Reference:

Run Start

Approvals: **Process Plan:** **Date:** **Tooling:** **Date:**

Stop

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Operation Description

Set Up/ Run Hours

Tool ID

Tool #

Plan Code

**Accept
Qty**

Reject
Qty

Reject Number

**Insp.
Stamp**

0.00

[illegible]

Large Fab

0.00

Large Fab

Memo

Large Fab

Rivet Leg Assembly as per Dwg D3168

0.00

QC5- ~~Inspect part completeness to step on W/O~~

0.00

QC

Quality Control

Memo

0.00

████████████████████
████████████████████
████████████████████
████████████████████

Large Fab

0.00

Large Fab

Memo

1-Bevel Aft end for welding
2-Inspect for foreign object as per QSI 024
3-Weld Aft End Plate as per QSI 004 & Dwg D3168
A/R Aluminum Rod M112860
4-Grind End Plate flush

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

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Item ID: D350-591-215

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Revision ID:

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Item Name: Heli-Access-Step, Short LH

Start Date: 5/26/10 Start Qty: 2.00



Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
210 QC Quality Control	QC9- Inspect visual per QSI004- Fusion Welds Memo	0.00 0.00							
220 QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00							
230 HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1 Memo	0.00 0.00							

② AD 100528

S 10/05/10

+2
4H

② BR 10-5-31

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Item ID: D350-591-215

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Stop



Item Name: Heli-Access-Step, Short LH

Start Date: 5/26/10 Start Qty: 2.00



Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
240 Powdercoat Powder Coating	White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum M114207 Memo START TIME: 10:15AM OVEN TEMPERATURE: 320°C FINISH TIME: 10:45AM	0.00 0.00		=) 94 10/05/31		X2	Ø		
250 HandFinish Hand Finishing	Pressure Wash per QSI005 4.3 WING WALK BATCH: 114432 Memo	0.00 0.00							
260 QC Quality Control	QC3- Inspect Part Finish Memo	0.00 0.00		8.066662		X2 44			

② BR 10-5-31.

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Item ID: D350-591-215

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Access-Step, Short LH

Start Date: 5/26/10 Start Qty: 2.00

Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

270

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

P 146/2 (2)

280

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

81066102

x2
44

290

Packaging

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-591-215

Location: _____

PPP Rev: _____

P 110/2/2 (2)

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Item ID: D350-591-215

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Setup Start



Revision ID:

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Cust Item ID:

Required Date: 6/02/10 Req'd Qty: 2.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

300

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/06/03

W 10.06.03

Picklist Print

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Page 1

Work Order ID: 59086

Parent Item: D350-591-215

Parent Item Name: Heli-Access-Step, Short LH

Comments: IPP Rev: A ☐ 02.10.17 ☐ New issue ☐ KJ/RF
 IPP Rev: B 06-06-19 Added D2732-030 AS PER DSI9294 JLM
 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Date: 5/26/10

Required Date: 6/02/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
D2622-120C		Manufactured	No			110	Each	31.0000	0.5	1			



Step Extrusion



10.05.27

Location	Loc Qty	Loc Code
WA	31	

D3067-1	Manufactured	No				130	Each	97.0000	1				
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End Plate



2
10.05.27

Location	Loc Qty	Loc Code
WA	97	
	97	

D3169-1	Manufactured	No				130	Each	18.0000	1				
---------	--------------	----	--	--	--	-----	------	---------	---	--	--	--	--



Support



2
10.05.27

Location	Loc Qty	Loc Code
WA	18	
	18	

D3077-1	Manufactured	No				180	Each	40.0000	2				
---------	--------------	----	--	--	--	-----	------	---------	---	--	--	--	--



Step Leg



2
10.05.27

Location	Loc Qty	Loc Code
WA	40	
	16	
	24	

4
10.05.27

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 59086

Parent Item: D350-591-215

Parent Item Name: Heli-Access-Step, Short LH


Comments: IPP Rev: A ☐ 02.10.17 ☐ New issue ☐ KJ/RF
 IPP Rev: B 06-06-19 Added D2732-030 AS PER DSI9294 JLM
 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Date: 5/26/10

Required Date: 6/02/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
D3170-1		Manufactured	No			180	Each	41.0000	2	4			
													
Spacer													

Location Loc Qty Loc Code

Mezz

41

35824

41

MS20600-AD4W4

Purchased

No

180

Each

783.0000

12

24



Rivets

Location Loc Qty Loc Code

ST309

100

114761

100

ST321

683

113368

62

114181

321

114718

300

D3067-1

Manufactured

No

200

Each

97.0000

1

2



End Plate

Location Loc Qty Loc Code

WA

97

57926

97

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

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Work Order ID: 59086

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 IPP Rev: B 06-06-19 Added D2732-030 AS PER DSI9294 JLM
 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Date: 5/26/10

Required Date: 6/02/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
AN3-35A		Purchased	No			270	Each	71.0000	2	4			

S
2
 Bolt

Location	Loc Qty	Loc Code
ST353	71	
112314	1	
114382	50	
114523	20	

AN4-11A
 Bolt

Purchased No

270 Each 361.0000

6

12

Location	Loc Qty	Loc Code
ST357	361	
110382	361	

AN4-13A
 Bolt

Purchased No

270 Each 413.0000

4

8

Location	Loc Qty	Loc Code
ST351	113	
114523	113	
ST357	300	
114752	300	

M114382

M110382

M114523

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Comments: IPP Rev: A ☐ 02.10.17 ☐ New issue ☐ KJ/RF
 IPP Rev: B 06-06-19 Added D2732-030 AS PER DSI9294 JLM
 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Date: 5/26/10

Required Date: 6/02/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per-Kit	Total	Qty	Date	Status
AN4-16A		Purchased	No			270	Each	155.0000	4	8			
Bolt													

Location Loc Qty Loc Code

ST358 155
 114129 5
 114330 50
 114523 100

114129 50
 114130 30

NAS1149 03030
 AN960JD10 NAS1149D0363J Purchased No



Washer
 AN960JD416 NAS1149D0463J Purchased No



Washer
 D2230-1 Manufactured No



Lug

Location Loc Qty Loc Code

ST476 107
 51566 4
 54755 21
 57828 82

57828
 4

D2230-3 Manufactured No



Lug

Location Loc Qty Loc Code

ST476 75
 57827 75

57827

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W/O:		WORK ORDER CHANGES					
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 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Date: 5/26/10

Required Date: 6/02/10

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
D2732  Rubber Extrusion <i>*4 per kit @ 3.5" → measure 5106402</i>		Manufactured	No			270	f	446.8000	0.5	<u>21101</u>			<i>Lu</i>
								<i>4x3" = 12 ft 10 1/2</i>					
<u>Location</u>						<u>Loc Qty</u>		<u>Loc Code</u>					
ST412						446.8							
56516						446.8		<u>56516</u>					
D2856-400 @ 7.2" + 1 per kit  Abrasion Strip <i>→ measure 5106640</i>		Manufactured	No			270	f	269.1088	0.6	<u>1.2</u>			<i>Lu</i>
<u>Location</u>						<u>Loc Qty</u>		<u>Loc Code</u>					
ST403						269.1088							
50593						62.0568		<u>50592</u>					
56626						207.052							
MS21042L3  Nut		Purchased	No			270	Each	1,722.000	2	<u>14</u>			<i>Lu 1/4/6/0</i>
<u>Location</u>						<u>Loc Qty</u>		<u>Loc Code</u>					
ST300						1722							
113537						20							
113644						202		<u>1113644</u>					
114523						1000							
114718						500							

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Comments: IPP Rev: A ☐ 02.10.17 ☐ New issue ☐ KJ/RF
 IPP Rev: B 06-06-19 Added D2732-030 AS PER DSI9294 JLM
 IPP Rev: C 06-06-27 Revised as per DSI9340 JLM

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Total	Qty	Date	Status
MS21042L4		Purchased	No			270	Each	2,623.000	6	12	✓		



5-D Nut



Signature
5/26/10

Location	Loc Qty	Loc Code
ST139	2	
111827	2	
ST300	2621	
113422	80	
114523	1533	
114718	1000	
9063	8	

1114523

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>+</i>	APPROVED <i>+</i>	DRAWING NO. D3168	REV. A SHEET 1 OF 2
DATE 02.09.11		TITLE STEP ASSEMBLY, LOW SHORT SCALE NTS	
A	02.09.11	NEW ISSUE	

RELEASED
02.09.20 *+*

Part No.	Description	QTY -041	QTY -042
D3168-041	Step Assembly, Low Short (LH)	X	
D3168-042	Step Assembly, Low Short (RH)		X
D2622-60	STEP EXTRUSION	1	1
D3067-1	END PLATE	2	2
D3077-1	STEP LEG	2	2
D3169-1	SUPPORT	1	1
D3170-1	SPACER	2	2
MS20600AD4W4	RIVET	12	12

GENERAL NOTES:

- 1) -041 SHOWN, FOR -042 INSTALL D3169-1 SUPPORT OPPOSITE SIDE
- 2) WELD PER DART QSI 004
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

W/S 59086

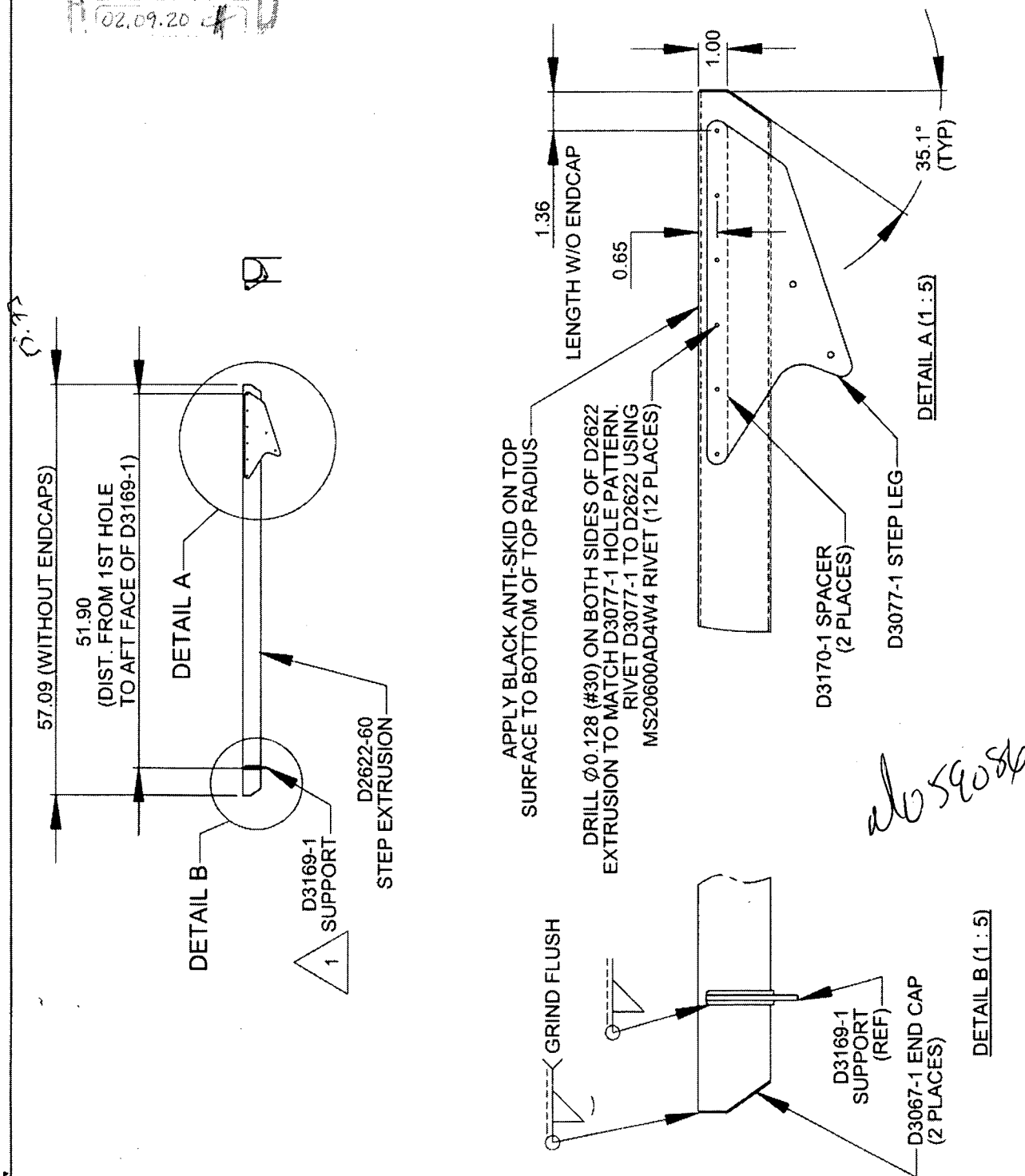
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DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>H</i>	APPROVED <i>H</i>	DRAWING NO. D3168	REV. A SHEET 2 OF 2
DATE 02.09.11	TITLE STEP ASSEMBLY, LOW SHORT		SCALE 1:20

RELEASED
02.09.20



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Qty -211	Qty -212	Qty -213	Qty -214	Qty -215	Qty -216	Qty -311	Qty -312	Part Number	Description
X								D350-591-211	<i>Heli-Access-Step</i> ™, Long Step – High Skid, LH
	X							D350-591-212	<i>Heli-Access-Step</i> ™, Long Step – High Skid, RH
		X						D350-591-213	<i>Heli-Access-Step</i> ™, Short Step – High Skid, LH
			X					D350-591-214	<i>Heli-Access-Step</i> ™, Short Step – High Skid, RH
				X				D350-591-215	<i>Heli-Access-Step</i> ™, Short Step – Low Skid, LH
					X			D350-591-216	<i>Heli-Access-Step</i> ™, Short Step – Low Skid, RH
						X		D350-591-311	<i>Heli-Access-Step</i> ™, Long Step – High Skid, LH
							X	D350-591-312	<i>Heli-Access-Step</i> ™, Long Step – High Skid, RH
1								D3070-041	STEP ASSEMBLY (HIGH-LONG, LH)
	1							D3070-042	STEP ASSEMBLY (HIGH-LONG, RH)
		1						D3078-041	STEP ASSEMBLY (HIGH-SHORT, LH)
			1					D3078-042	STEP ASSEMBLY (HIGH-SHORT, RH)
				1				D3168-041	STEP ASSEMBLY (LOW-SHORT, LH)
					1			D3168-042	STEP ASSEMBLY (LOW-SHORT, RH)
						1		D3272-041	STEP ASSEMBLY (HIGH-LONG, LH)
							1	D3272-042	STEP ASSEMBLY (HIGH-LONG, RH)
4	4							D2182B035	RUBBER CUSHION
		2	2	2	2			D2230-1	MOUNTING LUG
		2	2	2	2	4	4	D2230-3	MOUNTING LUG
8	8					2	2	D2274	RADIUS BLOCK
								D2618	BUSHING
4	4	4	4	4	4			D2732-030	CUSHION
2	2	1	1	1	1	2	2	D2856-400-720	ABRASION STRIP
2	2							D3064-1	CLAMP
1	1							D3079-041	SUPPORT ASSEMBLY
4	4							D3080-1	CLAMP
						2	2	D3235-1	MOUNTING LUG
						1	1	D3278-041	SUPPORT ASSEMBLY
2	2	2	2	2	2	2	2	AN3-35A	BOLT
10	10	2	2	2	2			AN4-11A	BOLT
		4	4	4	4	8	8	AN4-13A	BOLT
						2	2	AN5-36A	BOLT
4	4	4	4	4	4	4	4	AN960JD10	WASHER
20	20	12	12	12	12	16	16	AN960JD416	WASHER
						4	4	AN960JD516	WASHER
2	2	2	2	2	2	2	2	MS21042L3	NUT
10	10	6	6	6	6	8	8	MS21042L4	NUT
						2	2	MS21042L5	NUT
						1	1	*DSI 9410-011	STEP MODIFICATION KIT

*DSI 9410-011 Step Modification Kits are provided with all D350-591-311 and D350-591-312 Steps. This kit is provided as an option for the installer and is therefore **NOT REQUIRED** to complete the installation of the D350-591-311 or D350-591-312 Steps. Refer to Figure 21 for installation of the DSI 9410-011 Kit.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-591 REV. G OR EARLIER
AND
INSTRUCTIONS OF CONTINUED AIRWORTHINESS ICA-D350-591 REV. 2 OR EARLIER

REF CANADIAN STC: SH92-6

REF FAA STC: SH967NE

For D350-591-213/-214/-215/-216 steps, customers have the option of installing D2732-030 cushion under the clamps to accommodate varying crosstube diameters and to improve fit, as indicted in Installation Instructions D350-591. This Service Instruction adds longer AN4-16A bolts to the parts list to allow installation of these cushions. See Figure 1 on sheet 2 of this service instruction for reference. Installation of the D2856-400-720 Abrasion Strips per Installation Instructions D350-591 is not required when the cushions are installed.

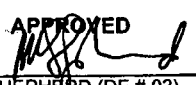
For D350-591-213/-214/-215/-216 steps at CHG 003, the parts list of D350-591 Rev. G and ICA-D350-591 Rev. 2 is amended as follows:

ADD:






Qty -213	Qty -214	Qty -215	Qty -216	Part Number	Description
X				D350-591-213	<i>Heli-Access-Step</i> ™, Short Step – High Skid, LH
	X			D350-591-214	<i>Heli-Access-Step</i> ™, Short Step – High Skid, RH
		X		D350-591-215	<i>Heli-Access-Step</i> ™, Short Step – Low Skid, LH
			X	D350-591-216	<i>Heli-Access-Step</i> ™, Short Step – Low Skid, RH
4	4	4	4	AN4-16A	BOLT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 09.08.05
CERT. NO.: SH92-6
ISSUE NO.: 11

A	NEW ISSUE	RF	09.08.05
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9472	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BOLT ADDITION	NTS
DATE	09.08.05	COPYRIGHT © 2009 BY DART AEROSPACE LTD	
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries